

## Chicken Alcohol Dehydrogenase ELISA Kit | ADH elisa kit

Chicken Alcohol Dehydrogenase ELISA Kit

CATALOG #  
**AAA17049**

REACTIVITY  
**Chicken**

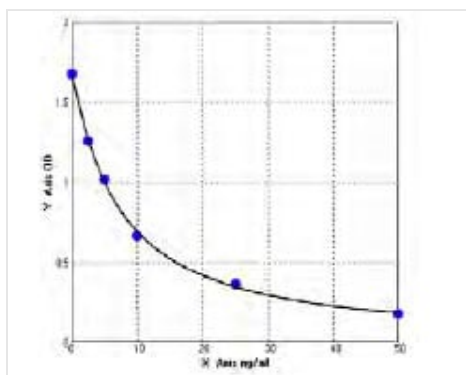
### PRODUCT SYNONYMS

Alcohol Dehydrogenase; Chicken Alcohol Dehydrogenase ELISA Kit; ADH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of ADH. No significant cross-reactivity or interference between ADH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADH and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ADH elisa kit | <p>Intended Uses: This ADH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ADH. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: ADH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADH antibody and an ADH-HRP conjugate. The assay sample and buffer are incubated together with ADH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ADH concentration since ADH from samples and ADH-HRP conjugate compete for the anti-ADH antibody binding site. Since the number of sites is limited, as more sites are occupied by ADH from the sample, fewer sites are left to bind ADH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADH concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for ADH elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                            |                                                                                |
|----------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                  | 599727                                                                         |
| UniProt Accession #        | P00334; Q27332; Q27579; Q27596; Q2MGK2; Q53XD5; Q95TC8; Q9NKC0; Q9VJS3; A4V0Q1 |
| Molecular Weight           | 27,761 Da                                                                      |
| NCBI Official Full Name    | ADH                                                                            |
| UniProt Protein Name       | Alcohol dehydrogenase                                                          |
| UniProt Gene Name          | Adh                                                                            |
| UniProt Synonym Gene Names | CG3481                                                                         |
| UniProt Entry Name         | ADH_DROME                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/adh-chicken-elisa-kits/alcohol-dehydrogenase/17049>